



The roofing solution for domestic or commercial projects.

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**Versasteel 1100** is a superb new tile effect roof sheet from Versasteel Ltd.

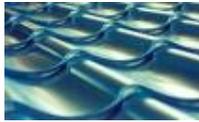


**Versasteel 1100** is light in weight, simple to fit and is available in a wide range of colours. Being so light in weight, it is ideal for over roofing or flat to pitch conversions. Because **Versasteel 1100** is almost maintenance free, along with its appearance this makes it an ideal product for schools, hospitals and other public buildings.



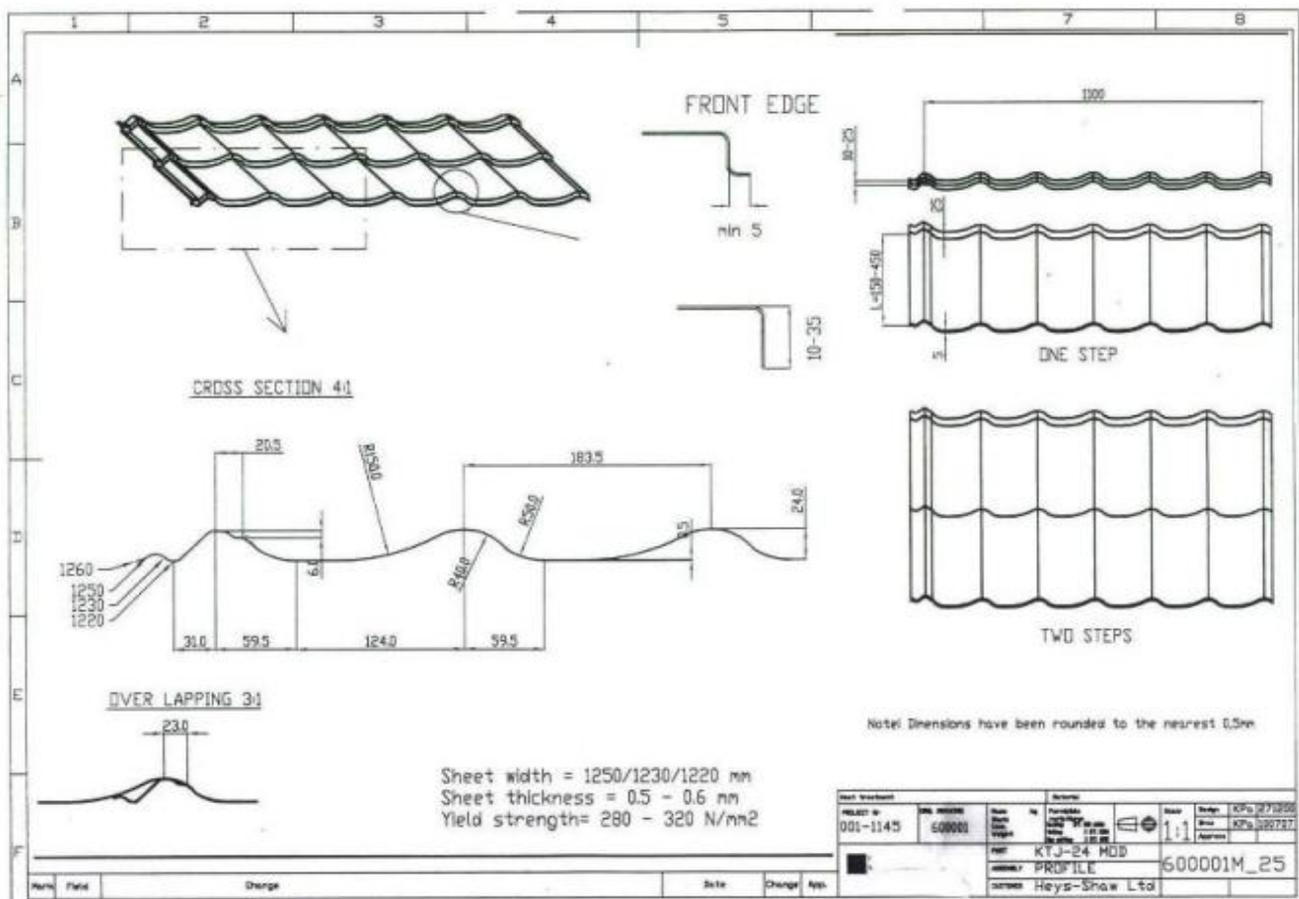


**Versasteel 1100** is manufactured at our dedicated plant in Greater Manchester. We have a major investment in the Versasteel 1100 tile production line and this combined with being centrally located near the motorway network enables us to offer fast deliveries, usually within 7 days to anywhere on the UK mainland.



### The Tiles

The cover width of the tile sheet is 1100mm  
 Sheets can be manufactured up to 4000mm in length  
 Standard tile length is 350mm and can be extended to suit roof size.  
 Single tile lengths can also be manufactured if required.



## Versasteel 1100 Fixing Details



Position and fix Versasteel 1100 sheets from ridge to eaves, taking care to align the sheet square to the ridge / eaves axis and not parallel to the gable. To assist, an Alignment Board can be fixed at a distance of 40mm from the front face of the eaves fascia and the tile sheets fixed accordingly. Tile sheets to be fixed down to battens with Self Drill, Tap Fasteners minimum 25mm long with EPDM or Neoprene Sealing Washers or special Fixings for fixing to steel purlins.

Care should be taken to ensure correct compression of the Sealing Washer. The Fasteners are always to be positioned in the base of the profile pan, in order to obtain a direct fixing from the sheet to the batten and in accordance with the relevant codes of practice. Fastener consumption to be a minimum of six per m<sup>2</sup> of tile sheet area. Alternatively, the Versasteel 1100 sheets can be fixed by special fixings for fixing into steel purlins. There should be a minimum of three fixings per purlin or every bottom panel of high wind location indicates extra precautions. If the site is of an exposed nature and or subject to high winds rain/snow, the sheet side laps should be sealed with 9 x 3 Butyle tape and stitched at tile centres with stitching screws. Fixings to have matching colour caps as per the tile sheet.

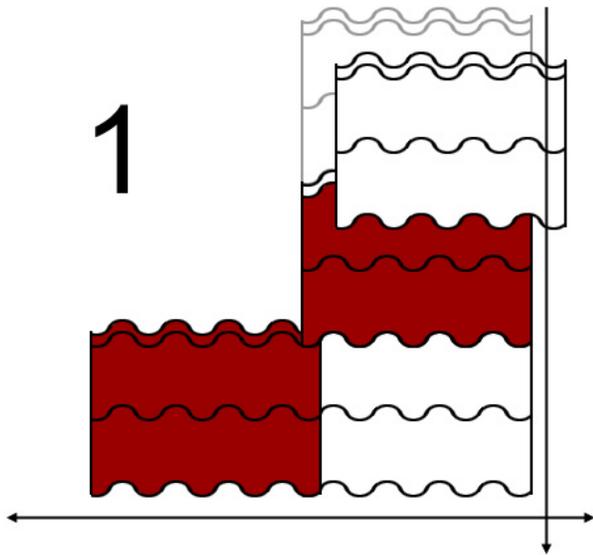
### Trim section and accessories: Ridge and Gable

Fix ridge section to the main tile sheet at every 500mm centres with self drill and tap stitching screws with matching colour caps. Ridge sections to have an overlap of 100mm, insert profiled foam fillers between underside of ridge and top side of sheet. Fillers to be held in position with a suitable mastic sealant. Position and fix end caps to ridge ends. Position and fix gable trim sections from ridge end to eaves at gable ends. Gable trims to have an overlap of 150mm and cut and formed to close as 'boxed end' at eaves end trim.

Codes of practice applicable include:

- A. BS 5427: 1976: Appendix E
- B. BS 1494: part 1. 1964 Also: The National Federation of Roofing Contractors is a guide to good practice in sheet metal roofing.

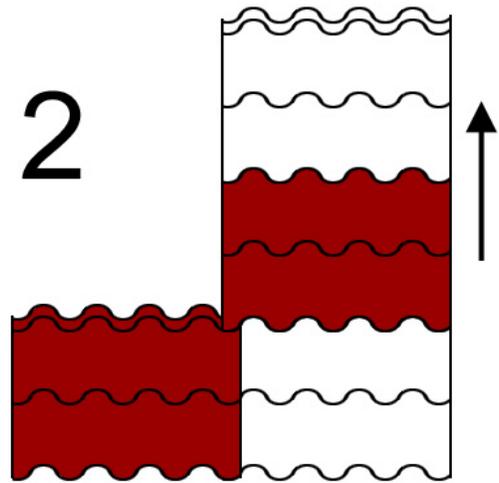




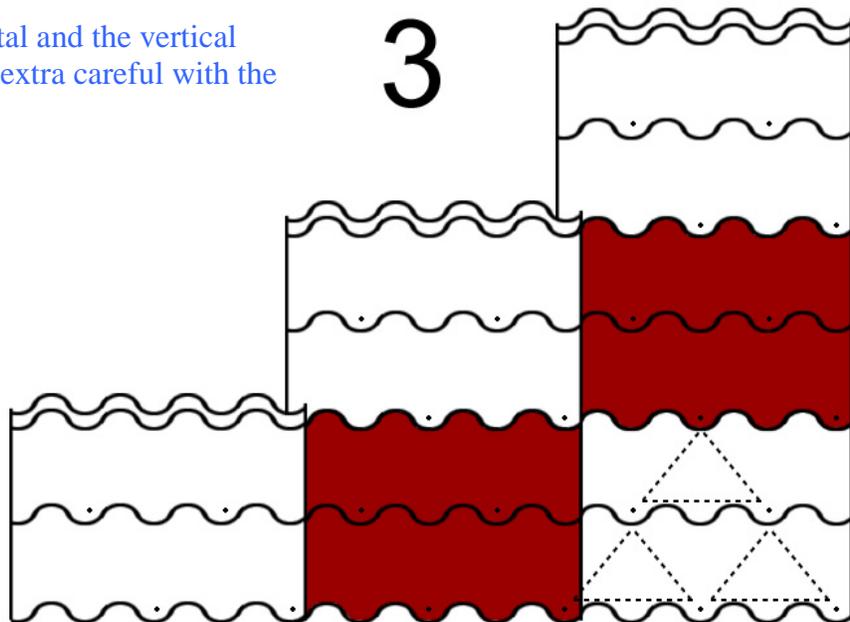
**Locate** the sheet carefully over the previous sheet.

Observe that the tile stop follows firmly the tile step of previous sheet.

Observe that both the horizontal and the vertical lines of sheets are correct. Be extra careful with the sheet on the eave.



**Push** the sheet so that the overlap joint will be tight.



**Fasten** the sheets through the skin with self-drilling screws with heads the same colour as the tiles, and a washer with the seal.

Use approximately 5-6 screws per square metre (every other through – every other step; triangle figure)

